

OCT 18 2006

Application No.: 10/014625

Case No.: 56937US002

Amendments to the Claims:

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-23. Cancelled

24. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the maleated thermoplastic elastomer is a block copolymer comprising one or more polystyrene blocks, a rubber, or a styrene-ethylene-butene-styrene type block copolymer.

25. Cancelled

26. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the resin is a hydrocarbon resin.

27. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the non-halogenated polyolefin comprises a C₂ - C₃₀ α -olefin monomer.

28. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the non-halogenated polyolefin comprises a polyhexene or a polyoctene.

29. Cancelled

30. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the first crosslinking agent is an aldehyde, a ketone, a quinone, a thioxanthone, or a vinyl halomethyl-sym-triazine.

31. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the first crosslinking agent is 2,4-bis(trichloromethyl)-6-4'-methoxyphenyl-sym-triazine.

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32. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the primer further comprises an aliphatic, alicyclic, heterocyclic, cycloaliphatic, or aromatic epoxy having at least one oxirane ring.
33. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the primer further comprises an epoxy resin comprising a cyclohexene oxide group, a glycidyl ether monomer, or a bisphenol A-epichlorohydrin.
34. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the primer further comprises a multi-functional acrylate.
35. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the primer further comprises fumed amorphous silica.
36. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the primer further comprises a filler.
37. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the pressure sensitive adhesive is a polyolefin based pressure sensitive adhesive.
38. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the pressure sensitive adhesive is a poly- α -olefin comprising one or more monomer units derived from a $C_5 - C_{30}$ α -olefin monomer.
39. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the pressure sensitive adhesive is a poly- α -olefin comprising one or more monomer units derived from $C_6 - C_{14}$ α , ω -dienes, conjugated dienes, trienes, terpenes, or alkenyl-norbornenes.

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40. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the pressure sensitive adhesive has a glass transition temperature in the range of about -70° to about 0° C.
41. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the pressure sensitive adhesive comprises a tackifying resin.
42. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the second crosslinking agent is activated by ultraviolet light or heat.
43. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the second crosslinking agent is an aldehyde, a ketone, a quinone, a thioxanthone, or a vinyl halomethyl-sym-triazine.
44. (Currently amended) The ~~tapemethod~~ of claim 4645 wherein the substrate comprises a material selected from the group consisting of polyesters, polyolefins, papers, foils, polyacrylates, polyurethanes, perfluoropolymers, polycarbonates, ethylene vinyl acetates, vinyl, fabrics, foam, polymer coated papers, and retroreflective sheeting.
45. (Currently amended) A method of making a tape comprising:
- (a) providing a substrate;
 - (b) applying a primer to the substrate, the primer comprising:
 - a maleated rubber thermoplastic elastomer,
 - a non-halogenated polyolefin,
 - a resin having a glass transition temperature between about 0°C and about 100°C, and
 - a first crosslinking agent that may be activated by actinic radiation;
 - (c) applying a pressure sensitive adhesive atop the primer, wherein the pressure sensitive adhesive is based on natural rubbers, synthetic rubbers, styrene block copolymers, polyvinyl ethers, poly (meth)acrylates (including both acrylates and methacrylates), polyolefins, or silicones, and wherein the pressure sensitive adhesive further comprises a second crosslinking agent that may be activated by actinic radiation;

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(d) applying actinic radiation ~~or heat~~ to crosslink the primer and the pressure sensitive adhesive.

46. Cancelled

47. (New) A tape prepared according to the method of claim 45.